



**COMMONWEALTH OF PENNSYLVANIA**  
**Department of Environmental Protection**  
**October 31, 2005**  
**717-787-9256**

**Phase II Acid Rain Permit**

Issued to: Hunlock Power Station  
Owned by: Hunlock Creek Energy Ventures  
ORIS Code: 3176  
Effective: January 1, 2005 through December 31, 2009

**Acid Rain Permit Contents**

- 1) Statement of Basis
- 2) SO<sub>2</sub> allowances allocated under this permit and NO<sub>x</sub> requirements for each affected unit.
- 3) Additional Permit requirements (25 Pa. Code, §127.531).
- 4) The applications for revised Phase II NO<sub>x</sub> Compliance Plan and NO<sub>x</sub> Averaging Plan. The owner/operator of the source must comply with the standard requirements and special provisions set forth in the applications.

Thomas A. DiLazaro  
Regional Program Manager  
Northeast Region

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## PHASE II Acid Rain Permit

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### Statement of Basis

Statutory and Regulatory Authorities: In accordance with Section 6.5 of the Air Pollution Control Act, 35 P.S. Section 4006.5, the Pennsylvania Department of Environmental Protection hereby issues this permit pursuant to Pennsylvania Code Title 25, Chapter 127, Subchapter G, §127.531 and Titles IV and V of the Federal Clean Air Act.

### Unit Specific Requirements and Allowances

		2005	2006	2007	2008	2009
Unit 6	SO <sub>2</sub> allowance	2238	2238	2238	2238	2238
	NO <sub>x</sub> limit	<p><i>Pursuant to 40 CFR 76.11, the Pennsylvania Department of Environmental Protection approves a NO<sub>x</sub> emission averaging plan for this unit, effective from calendar years 2005 through 2009. Under the plan, this unit's NO<sub>x</sub> emissions shall not exceed the annual average emission limitation of 0.34 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 6,380,000 mmBtu.</i></p> <p><i>In addition to the described NO<sub>x</sub> compliance plan, this unit shall comply with all other applicable requirements of 40 CFR Part 76, including the duty to reapply for a NO<sub>x</sub> compliance plan and requirements covering excess emissions.</i></p>				

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**Additional Permit Requirements:**

1. In accordance with 25 Pa. Code §127.531(d), the source is required to achieve compliance with this permit as soon as possible but no later than the date required by the Clean Air Act or the regulations thereunder for the source.
2. In accordance with 25 Pa. Code §127.531(f), this permit prohibits the following:
  - a) Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the owner or operator or designated representative holds for the unit.
  - b) Exceeding applicable emission rates or standards, including ambient air quality standards.
  - c) The use of an allowance prior to the year for which it is allocated.
  - d) Contravention of other provisions of the permit.
3. In accordance with 25 Pa. Code §127.531(g), this permit prohibits the emission of sulfur dioxide which exceeds any allowances that the source lawfully holds under Title IV of the Clean Air Act or the regulations thereunder.
  - a) A permit revision will not be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, if the increases do not require a permit revision under another applicable requirement.
  - b) A limit will not be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with another applicable requirement.
  - c) An allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act.
4. The source shall comply with all of the requirements in the Phase II Acid Rain Permit, NO<sub>x</sub> Compliance Plan Application.

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Thomas A. DiLazaro  
Regional Program Manager

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